| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 09/671.504      | KURITA ET AL. |
| Examiner        | Art Unit      |

| √ | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

Zeinab E. EL-Arini

| Α | Appeal   |
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| <u>0</u>              | Original              | 111203   |          |               |               |          |              |          |          |          |
| Final                 | .≅                    | 12       |          | 1             | ı             |          |              |          |          |          |
| 1 -                   | ō                     |          |          |               | ı             |          |              |          | l ł      |          |
|                       |                       | _        |          | <b>├</b> ─    | ├             | $\vdash$ | -            |          | Н        | $\dashv$ |
| 1                     | 1                     | =        | _        | ⊢             | -             | -        | _            |          |          |          |
| 2                     | 2                     | =        |          | <u> </u>      | L.            | 1        |              | -        | Ш        | _        |
| 1<br>2<br>3<br>4<br>5 | 1<br>2<br>3<br>4<br>5 | =        | _        | _             | L.            |          | ш            | _        | Ш        | _        |
| 4                     | 4                     | =        |          |               |               |          |              |          | L        |          |
| 5                     | 5                     | =        |          | Г             |               |          |              |          |          |          |
| 6                     | 6                     | =        |          | $\overline{}$ |               |          |              |          |          |          |
|                       | 6<br>7                |          | Т        | -             | Т             |          |              |          |          |          |
|                       | 8                     | г        | 1        |               | $\overline{}$ | -        |              | $\vdash$ |          |          |
| -                     | 8                     | -        | $\vdash$ | -             |               | $\vdash$ | <del> </del> | -        |          |          |
| -                     | 10                    | $\vdash$ | -        | -             | -             | -        |              |          | -        | _        |
|                       | 10                    | $\vdash$ | $\vdash$ | -             | -             |          | -            | -        |          | $\vdash$ |
| <b>_</b>              | 11                    | <b>—</b> | 1        | ⊢             | <b>⊹</b> -    |          | ⊢            | -        | -        | $\vdash$ |
| -                     | 10<br>11<br>12<br>13  | -        | ļ        |               | $\vdash$      | ļ        | -            | -        | $\vdash$ | $\vdash$ |
| ļ                     | 13                    |          |          | L             | <u> </u>      |          |              | <u> </u> | Ш        | Щ        |
|                       | 14                    |          |          | L             | L.            |          |              | L        | $\perp$  |          |
|                       | 15                    | Ι.       |          |               |               |          |              |          |          | لــــا   |
|                       | 16<br>17              |          |          |               |               |          |              | Γ        |          |          |
|                       | 17                    | Г        | Г        | Γ             |               | Ι        |              |          |          |          |
| _                     | 18                    |          |          | $\vdash$      | 1             |          |              | 1        | 1        | -        |
| -                     | 19                    | 1        |          | ╁╾            | -             | $\vdash$ | $\vdash$     |          | -        | Н        |
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| _                     | 20                    | -        | ⊢        | ـ             | -             | ⊢        | -            | -        | <b>⊹</b> | Н        |
|                       | 21                    | <u> </u> | <u> </u> | -             | _             | ـ        | ļ.,          | ļ.,      | ⊢        | H        |
|                       | 22                    |          | L        | ᆜ             | 1_            | ـــــ    | ㄴ            | 1_       | 1_       | Ш        |
|                       | 23                    | L.       | L        |               |               | <u>_</u> | L            |          |          |          |
|                       | 24                    |          |          |               |               | <u></u>  |              |          | l        | ш        |
|                       | 25                    | 1        |          | 1             | 1             | ļ        |              |          | 1        |          |
|                       | 26                    |          |          | П             | П             | 1        | T            |          | Τ.       |          |
|                       | 27                    | T        | tΤ       |               |               |          | 1            |          |          |          |
|                       | 28                    | t        | $\vdash$ | $^{\dagger}$  | +             | t        |              |          | 1-       |          |
|                       | 29                    | -        | +        | +-            | -             | +        | +            | 1        |          |          |
|                       | 30                    | +-       | $\vdash$ | +             | +             | +        | +            |          | $\vdash$ | -        |
| -                     | 30                    | $\vdash$ | -        | ┼             | ┼             | ┼—       | +            | ⊢        | +        | Н        |
| L                     | 31                    | +-       | ⊢        | -             | +             | $\vdash$ | -            | ⊢        | ┿        |          |
|                       | 32                    | ┺        | 1_       | _             | ـــــ         | ↓_       | <u> </u>     | _        | -        | $\vdash$ |
|                       | 33                    | ļ.,      | <u> </u> | $\perp$       | 1             | $\perp$  | 1            | ↓_       | $\vdash$ | -        |
|                       | 34                    | L        | <u>_</u> | $\perp$       | <u>L</u> .    | _        |              | $\perp$  |          | Ш        |
|                       | 35                    | [_       | L        | L             | L             | 上        | L            | L        | L        |          |
|                       | 36                    | T        | Τ.       |               | Г             | Γ        |              |          |          |          |
|                       | 37                    | Т        | Γ        |               | 1             | Т        | Г            | Ī        | Ī        |          |
| -                     | 38                    | 1        | 1        | 1             | Т             | Т        | 1            | Τ        | Т        | Ι        |
|                       | 39                    | T        | t        | t             | t             | †        | T            | t        | 1-       |          |
| $\vdash$              | 40                    | $\vdash$ | $\vdash$ | t             | +-            | +        | $\vdash$     | t        | +        | -        |
|                       | 41                    | +-       | +-       | +-            | +             | +        | +            | +        | +        |          |
|                       |                       | +-       | +        | +             | 1             | +        | +            | +        | +        | +        |
| $\perp$               | 42                    | ⊬        | +        | +             | +-            | +        | +            | +        | +-       | -        |
| -                     | 43                    | 4        | $\vdash$ | 1             | +-            | 4        | 1-           | $\vdash$ | +        | _        |
| L                     | 44                    | 1_       | <u> </u> | 丄             | 1_            | 1        | 1            | 1.       | 1        | <u> </u> |
|                       | 45                    | L        | L        | 1             | $\perp$       | L        | L            | L        | $\perp$  | _        |
|                       | 46                    | Γ        | $\Box$   | ſ             | Г             | Г        | Γ.           | Г        | L.       | L        |
|                       | 47                    | Т        |          | Т             | 1-            |          | T            | Т        | T        |          |
| 1                     | 48                    | 1        |          | $\top$        | $\top$        |          | $\top$       | т        | Т        |          |
|                       | 49                    | 1        | 1        | 1             | 1             |          | +            | т        | 1        |          |
| -                     | 50                    | 1-       | +        | 1             | 1             | ╁        | 1            | +        | 1        | 1-       |
|                       |                       |          |          |               |               |          |              |          |          |          |

| Cla      | aim      | n Date   |          |     |          |          |              |            |          |          |   |
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| Final    | Original |          |          |     |          |          |              |            |          |          |   |
|          | 51       |          |          |     |          |          |              |            |          | ٦        |   |
|          | 52       | -1       |          |     | _        |          |              |            |          | 一        |   |
|          | 53       |          |          |     |          |          |              |            | -        | $\neg$   |   |
|          | 54       | $\Box$   |          |     |          | Г        |              |            |          |          |   |
|          | 55       |          |          | _   | 1        |          | П            |            |          |          |   |
|          | 56       | $\neg$   |          |     | Г        |          | $\vdash$     |            |          | $\neg$   |   |
|          | 57       | $\neg$   |          |     | $\vdash$ |          |              |            |          |          |   |
|          | 58       |          |          |     |          |          |              |            |          |          |   |
|          | 59       |          |          |     |          |          |              |            |          |          |   |
|          | 60       |          |          |     |          | Г        |              |            |          |          |   |
|          | 61       |          |          |     |          |          |              |            |          |          |   |
|          | 62       |          |          | -   |          | Т        |              |            |          | $\Box$   |   |
|          | 63       |          |          |     |          |          |              |            |          |          |   |
|          | 64       |          |          |     |          |          |              |            |          |          |   |
|          | 65       |          |          |     |          |          |              |            |          |          |   |
|          | 66       |          |          |     |          |          |              |            |          |          |   |
|          | 67       |          |          |     |          | Γ        |              |            | Г        |          |   |
|          | 68       |          |          |     |          |          |              |            |          |          |   |
|          | 69       |          |          |     |          |          | Π            |            |          |          |   |
|          | 70       | П        |          | Г   |          | Г        |              |            |          |          |   |
|          | 71       |          |          |     |          | Г        |              |            |          |          |   |
|          | 72       | П        |          | Г   |          |          |              |            |          |          |   |
|          | 73       |          |          |     |          |          |              |            |          |          | ı |
|          | 74       |          |          | T   |          |          |              | Ĭ          |          |          |   |
|          | 75       |          |          |     | П        |          |              |            |          |          |   |
|          | 76       |          |          |     | L        | 1_       |              |            |          | _        |   |
| Ĺ        | 77       |          |          |     | 1        |          | L            | _          |          |          |   |
|          | 78       | L        |          |     |          |          |              | L          |          |          |   |
|          | 79       |          | _        | L   | L.       | _        |              | L          | _        |          | ŀ |
|          | 80       | L.       |          | ┖   |          | _        | 닏            | _          |          |          | Į |
|          | 81       |          |          | L   | _        | ļ        | L            | L          | ┡        |          | Į |
| L        | 82       | _        |          |     |          |          | 上            | _          | _        |          | l |
|          | 83       |          |          |     | L        | ļ.,      | ╙            | L          | _        | Ш        | l |
|          | 84       | L.       | L.       | _   | _        | 1_       | $\perp$      | <b> </b> _ | <u> </u> |          | ı |
| <u> </u> | 85       | _        | _        | 1   | -        | $\vdash$ | <b>↓</b> _   | <u> </u>   | ⊢        | $\vdash$ |   |
| <u> </u> | 86       | <u> </u> | _        | -   | -        | ₩        | 1            | -          | <u> </u> | -        | l |
| <u> </u> | 87       | <u> </u> | <u> </u> | 1   | _        | ↓_       | -            | $\vdash$   | ١.       | -        | l |
| $\vdash$ | 88       | +        | <u> </u> | 1-  | -        | +        | 1            | ļ -        | -        | $\vdash$ | l |
| <u> </u> | 89       | ⊢        | -        | ļ., | ļ        | 1-       | ┰            | ├-         | $\vdash$ | $\vdash$ | l |
| <u></u>  | 90       | ⊢        | ⊢        | 1   | 1        | +-       | <del> </del> | $\vdash$   | ⊢-       | -        | 1 |
| <u></u>  | 91       | ┼        | ├-       | +   | +        | 1        | 1            | +-         | +-       |          | 1 |
| $\vdash$ | 92       | +-       | $\vdash$ | +   | -        | -        | +-           | +-         | $\vdash$ | -        | l |
| $\vdash$ | 93       | +-       | $\vdash$ | +   | -        | +        | 1            | $\vdash$   | +-       | $\vdash$ | ł |
| <u> </u> | 94       | $\vdash$ | -        | +   | +        | +        | +            | ╀          | -        |          | ł |
| <u> </u> | 95       | ┼        | ۲.       | ⊢   | ╀        | +        | +            | +-         | ⊢        | $\vdash$ | ł |
| <u> </u> | 96<br>97 | +-       | $\vdash$ | +   | $\vdash$ | +-       | -            | $\vdash$   | +-       | $\vdash$ | ł |
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| $\vdash$ | 98       |          | +-       | +   | +        | +        | +            | +-         | -        | -        | 1 |
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| L        | 100      | ١.       | _        | _   | 1_       | 1_       | 1_           | <u>L</u> . | _        | _        | 1 |

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| Ħ                                                 |          | 101        |          |          |          |          |          |          |          |          |              |
|                                                   |          | 102        |          |          |          |          |          |          |          |          | _            |
|                                                   |          | 103        |          | $\Box$   |          | L.       | _        | $\perp$  |          |          |              |
|                                                   |          | 104        |          |          |          |          |          |          | _        |          |              |
| Ш                                                 |          | 105        |          | _        | L        |          | _        | _        |          |          |              |
|                                                   |          | 106        |          | _        | <u> </u> | _        | Ļ.       |          | $\vdash$ |          |              |
| $\vdash$                                          | _        | 107        |          |          |          | ⊢        |          | _        |          |          | _            |
| $\sqcup$                                          | <u></u>  | 108        |          | L        |          | _        | -        | -        | -        | -        | -            |
| $\vdash$                                          | -        | 109        | -        |          | _        | <u> </u> | -        | $\vdash$ |          |          | -            |
|                                                   | $\vdash$ | 110        | H        | ⊢        | -        | ⊢        |          | ⊢        | -        |          | $\vdash$     |
| H                                                 | _        | 111<br>112 | $\vdash$ |          | $\vdash$ | ⊢        | -        | $\vdash$ |          | $\vdash$ | -            |
| +                                                 | $\vdash$ | 113        |          |          | ⊢        |          |          | ┢        |          | -        | $\vdash$     |
| $\vdash$                                          |          | 114        | ⊢        | -        | $\vdash$ | ⊢        | -        | $\vdash$ |          | $\vdash$ |              |
| H                                                 |          | 115        | $\vdash$ | $\vdash$ | -        | $\vdash$ | H        |          |          | Н        | Н            |
|                                                   | _        | 116        |          | H        | +        | -        | Н        | H        | -        | <u> </u> |              |
| +-                                                | $\vdash$ | 117        | Т        |          | Т        | Т        | Т        |          | Г        |          |              |
|                                                   |          | 118        | t        | ╁        |          | T        | t        | $\vdash$ |          | Г        | Г            |
| <u> </u>                                          |          | 119        | Г        |          |          |          | T        | ļ        |          |          | Г            |
| Ħ                                                 |          | 120        |          |          |          |          | П        |          |          | Г        | Г            |
| $\Box$                                            |          | 121<br>122 |          | П        |          |          | Т        |          | Г        |          | Г            |
| П                                                 |          | 122        |          |          |          |          |          |          |          |          | $\Box$       |
|                                                   |          | 123        |          |          |          |          |          | L        | _        |          | <u>L</u> .   |
|                                                   |          | 124<br>125 |          |          |          | ┖        | <u> </u> |          |          | L_       | _            |
|                                                   | L        | 125        |          | L        | L.       |          |          | L        | _        |          | L            |
| 1                                                 |          | 126        | ╙        | <u> </u> | <u> </u> |          | _        |          | <u></u>  | _        | _            |
|                                                   | _        | 127<br>128 | ┺        | <u> </u> | -        | ⊬        | ļ.,      | ⊢        | 1        | 1        |              |
| 1                                                 |          | 128        | ⊢        | ├-       | 1        | 1        | -        | -        | -        | ├-       | -            |
| $\vdash$                                          | -        | 129        | $\vdash$ | ⊢        | $\vdash$ | ⊬        | ╀        | +-       |          | ⊢        | ⊢            |
| <del>-</del>                                      |          | 130        | -        | -        | $\vdash$ | ╁        | +        | -        | $\vdash$ | +-       | <del> </del> |
| +                                                 |          | 131        | ┢        | ⊢        | ⊢        | ⊢        | ╁        | ╁        | -        | ⊢        | ⊢            |
| +                                                 |          | 133        | +        | -        | $\vdash$ | ┢        | +        | ╁        | $\vdash$ | +-       | $\vdash$     |
| +                                                 |          | 134        | t        | ╁        | -        | -        | +        | +        |          | -        | +            |
| 11                                                | -        | 135        | T        | † -      | $\vdash$ |          | +        | +-       | Т        | 1        | $^{\dagger}$ |
|                                                   | $\vdash$ | 136        | T        | t        | †        | 1        | T        | 1        | 1        | $\vdash$ | +            |
|                                                   |          | 137        | T        | T        | t        | T        | T        | T        | ⇈        | Т        | 1            |
| <del>                                      </del> |          | 138        |          | 1        | T        | T        | Т        | Т        |          | Т        |              |
|                                                   | _        | 139        |          | T        |          |          |          | T        |          |          |              |
|                                                   |          | 140        | П        |          | Г        | Τ        | П        | I        | Γ        |          |              |
|                                                   |          | 141        |          | Ι        |          |          | Ī        |          |          | L        | _            |
|                                                   |          | 142        |          | L        |          | L        | ļ.,      | L        | <u> </u> | ┖        | _            |
|                                                   |          | 143        | 1.       | 1        |          | 1        | 1        | 1_       | 上        | 1        | _            |
| 1                                                 | L        | 144        | 1        | ┺        | 1_       | +        | ╄        | +-       | 1        | 4-       | $\vdash$     |
| Ш                                                 | <u> </u> | 145        | 1-       | $\perp$  | ┺        | 4        | 4        | ╀        | +-       | +        | +-           |
| +                                                 | <u></u>  | 146        | 1        | +        | 1-       | 1        | ╀        | 1-       | +        | +        | +            |
| 4-4                                               | -        | 147        | 1-       | +        | 1        | 4        | +        | +        | +        | +-       | +-           |
| +                                                 | -        | 148        | +        | +        | -        | 1-       | -        | +-       | +        | +        | +            |
| +                                                 | -        | 149        |          | $\vdash$ | +        | +        | +-       | +        | +-       | +        | +            |
| Ш                                                 | L        | 150        |          | 1        | _        | 1_       |          |          |          | _        | _            |
|                                                   |          |            |          |          |          |          |          |          |          |          |              |